



PHIFER®

Weaving Excellence with
INNOVATION



J. REESE PHIFER

Founder, Phifer Incorporated



PHIFER INCORPORATED was established in the year 1952 in Tuscaloosa, Alabama, USA.



Leader in the insect screen, solar control fabrics, drawn wire, engineered products and designed fabrics industries.



Phifer's Manufacturing Facility, Tuscaloosa, Alabama, USA - Spread across an area of 110 acres

VISION

“To Excel in Everything, We Do”

Phifer's commitment to Quality Excellence, Safety Excellence, and Service Excellence give it many opportunities to excel in its every undertaking.

MOTTO

“Do Unto Others As We Would Have Them Do Unto Us”

PHIFER's MOTTO, The Golden Rule, helps it on the pathway to its ultimate goal - Excellence.

Treating one another with respect and compassion is imperative for the success of Phifer's Employees, Customers, Suppliers, and Community collectively.

MISSION

“To Serve Customers”

Serving Customers has been and will always be Phifer's infinite goal and is the basis of the quality policy that Mr. Phifer had set into motion back in 1952.

Technology, communication and information sharing have progressed in leaps and bounds enabling Phifer with even more capabilities and cutting-edge means to help serve its valued customers with utmost efficiency and effectiveness.

Our USP



Quality Product



On Time Delivery



Right Price

CERTIFICATIONS*

MICROBAN

Microban technology offers built-in antimicrobial protection against stain and odour-causing bacteria, mold, mildew, and fungi and yeasts. It keeps products cleaner, reduces odors, and prevents stains. Designed to last the product's lifetime, it doesn't wash off and helps maintain hygiene by continuously inhibiting microorganism growth for easier upkeep and improved durability.



GREENGUARD GOLD

Phifer screens are GREENGUARD Certified, confirming exceptionally low VOC emissions and healthier indoor air. Since indoor air can exceed outdoor pollution levels, triggering asthma, allergies, and headaches, the certification safeguards occupants, especially vulnerable groups. That makes these screens a smart, health focused choice for homes, schools, and healthcare facilities.



LEAD FREE

Phifer's Lead-Free Certified mosquito screens contain no hazardous lead compounds, protecting human health and the environment. Phifer Screens meet international standards, eliminating exposure risks, crucial for children and pregnant women, while delivering durable, eco friendly insect protection. Ideal for homes and commercial sites, they merge safety, sustainability, and high quality.



ENERGY SAVING

Phifer mosquito screens boost energy efficiency by permitting fresh airflow and daylight while blocking heat and glare. This lessens dependence on air-conditioning and artificial lighting, cutting down electricity bills. By decreasing reliance on electricity, the screens promote a greener, more sustainable lifestyle—an excellent pick for energy-savvy homeowners.



WATERSHED TECHNOLOGY

Watershed Technology (WST) is a water-repellent coating on Phifer's BetterVue and UltraVue screens. Rain beads up and rolls off instead of clogging the mesh, washing away debris. The result: clearer views during storms, fewer water stains and dirt, longer-lasting screens, and minimal upkeep even in wet climates.



MELANOMA INTERNATIONAL FOUNDATION

Melanoma International Foundation has certified that Phifer Solar Screen fabrics significantly reduce harmful ultraviolet rays, lowering the risk of skin and eye cancer. In addition to blocking heat and glare, these screens offer proven UV protection, making them an excellent, health-conscious choice for sun-exposed windows in homes and workplaces.



SELECTION GUIDE

Products	Features												
	Air Flow	Curb Appeal	Durability	Easy to Install	Energy Saving	Pet Resistant	Reduces Fading	Sun Control	Coastal Application	Outward Visibility	Day Time Privacy	Weldable	Exterior Purpose
Phiferglass	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
BetterVue	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
18X14 Pool & Patio Screen	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
20X20 No-See-Um Screen	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
EliteScreen	●	●	●	●	N/A	●	N/A	N/A	●	●	N/A	N/A	N/A
Fiberglass STIFF 18X14 Screen	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
Super Solar Screening+	N/A	N/A	●	●	●	●	●	●	●	N/A	●	N/A	●
Aluminum Insect Screen	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
Aluminum Screen for Tiny Insects	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
Galvanized Screen	●	●	●	●	N/A	●	N/A	N/A	●	●	N/A	N/A	●
SeeVue	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
Bronze Screen	●	●	●	●	N/A	N/A	N/A	N/A	●	●	N/A	N/A	●
PetScreen	●	●	●	●	N/A	●	●	●	●	●	●	●	●
TuffScreen	●	●	●	●	N/A	●	●	●	●	●	●	●	●

SELECTION GUIDE KEY



Excellent



Very Good



Good



Fair

(N/A) : Not applicable or not recommended for this feature

Phiferglass®
BY PHIFER

Phifer's Phiferglass Screen provides dependable insect protection with excellent ventilation and good outward visibility. Made from durable PVC-coated fiberglass, it is thicker than BetterVue® screens and serves as a trusted choice for windows and doors. The screen resists rust, corrosion, and stains, ensuring long-lasting performance and everyday reliability.

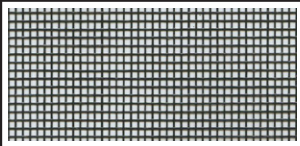
FEATURES

- Traditional choice for windows and doors
- Offers good ventilation and insect protection
- Will not rust, corrode or stain

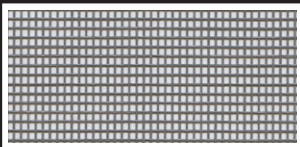
SPECIFICATION

Material : Fiberglass
Warps & Fills : 18 X 16 per sq. inch
Wire Diameter : 0.011 inches (0.2794 mm)
Available width : 3, 4, 5, 6, 7, 8 (ft)

AVAILABLE COLORS



Charcoal

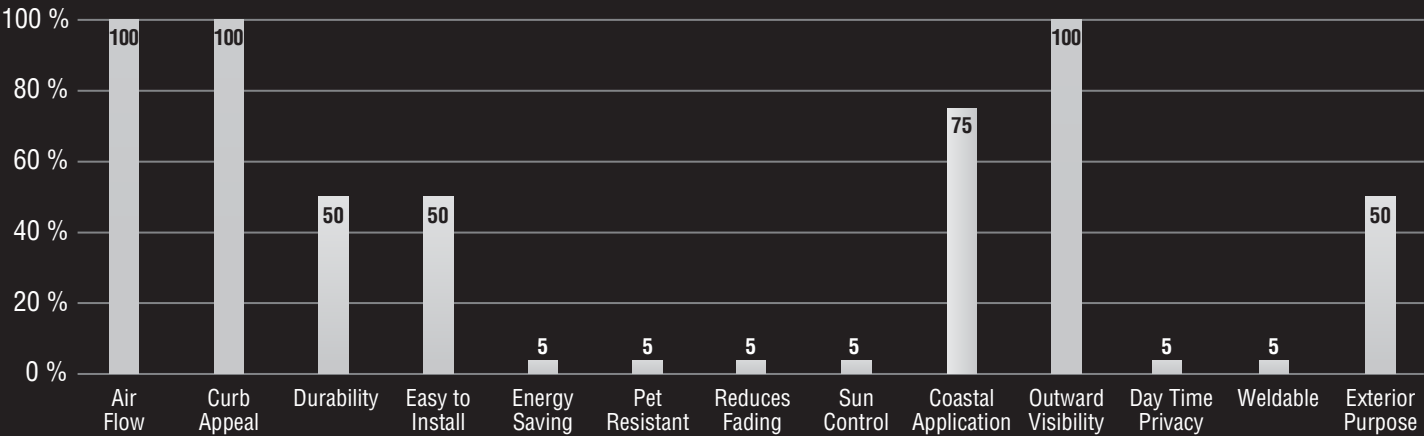


Silver Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	104	90
B) Grab Method (lb)	105	90
Tearing Strength		
Trapezoid Method (lb)	12	11
Stiffness (mg)	88	75
Yarn Slippage (lb)	25	23
Mesh Weight (oz / sq yd)	3.2	
Mesh Weight (GSM)	108.5	
Screen Thickness	0.012 inches (0.3048 mm)	
Bond Strength (lb)	29	
Openness / Transmittance (%)	60.5	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	114	

PERFORMANCE GRAPH



BetterVue®

BY PHIFER

It is Phifer's first fiberglass improved visibility insect screen (iVis). BetterVue improved insect screening is engineered to impart a sharp view without compromising on strength and durability in the process. This innovative screen enhances your view by making it sharper and more brilliant.

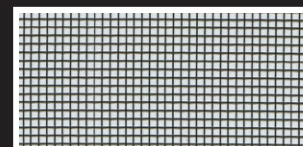
FEATURES

- Advanced airflow technology, allows natural light and fresh breeze to flow through
- Exceptional optical clarity for a sharp and enhanced brilliant outward view
- Smaller holes provides maximum insects protection
- Promotes improved light transmission in low-E glass window offering a brighter view
- Phifer's Watershed technology keeps the screen clear of water for maximum viewing clarity
- Suitable for all types of window/door screen and patio screen door applications

SPECIFICATION

Material : Fiberglass
 Warps & Fills : 18 x 18 per sq. inch
 Wire Diameter : 0.008 inches (0.2032 mm)
 Available width : 3, 4, 5, 6 (ft)

AVAILABLE COLORS

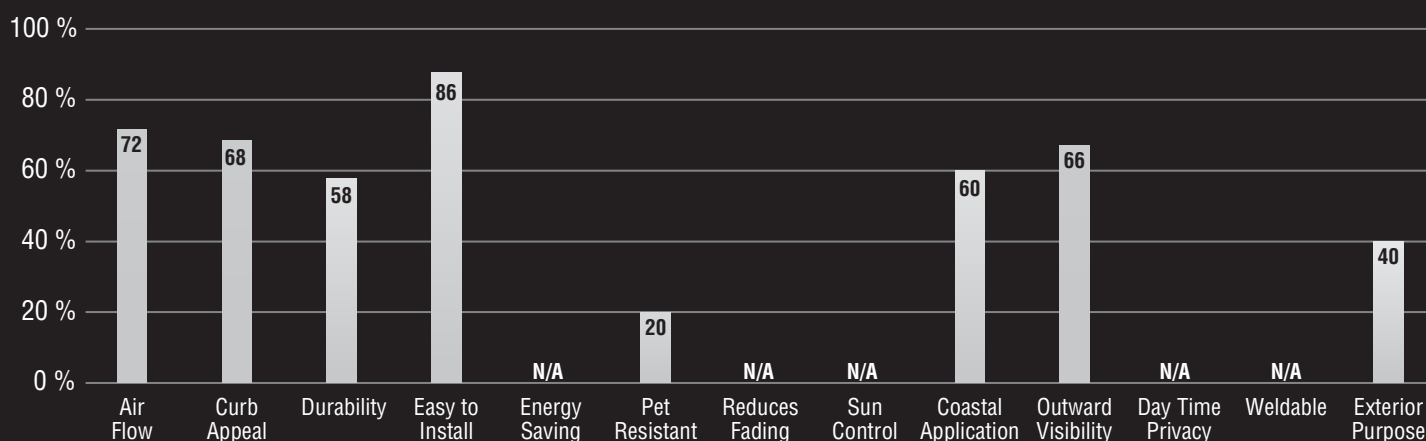


Black

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	80	76
B) Grab Method (lb)	78	75
Tearing Strength		
Trapezoid Method (lb)	9	9
Stiffness (mg)	67	65
Yarn Slippage (lb)	18	17
Mesh Weight (oz / sq yd)	2.3	
Mesh Weight (GSM)	78.0	
Screen Thickness	0.01 inches (0.254 mm)	
Bond Strength (lb)	15	
Openness / Transmittance (%)	68.5	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	4 min.	
Mullen Bursting Strength(psi) - Initial	82	

PERFORMANCE GRAPH



18x14 Pool & Patio Screen®

BY PHIFER

Phifer's Pool & Patio Screen provides dependable insect protection for pools, patios, and other outdoor living spaces. Its durable fiberglass mesh keeps out most insects while allowing fresh air and clear views. The screen also withstands windblown debris, helping maintain a cleaner, more comfortable, and pest-free outdoor environment throughout the year.

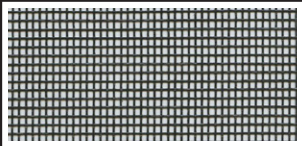
FEATURES

- Traditional choice for pool and patio enclosures
- Excellent for large openings requiring extra strength
- Suitable for retractable systems
- Offers good ventilation and insect protection

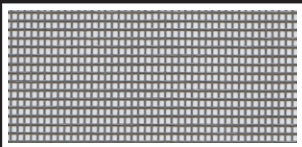
SPECIFICATION

Material : Fiberglass
Warps & Fills : 18 X 14 per sq. inch
Wire Diameter : 0.009 inches (0.2286 mm)
Available width : 8, 9, 11 (ft)

AVAILABLE COLORS



Charcoal

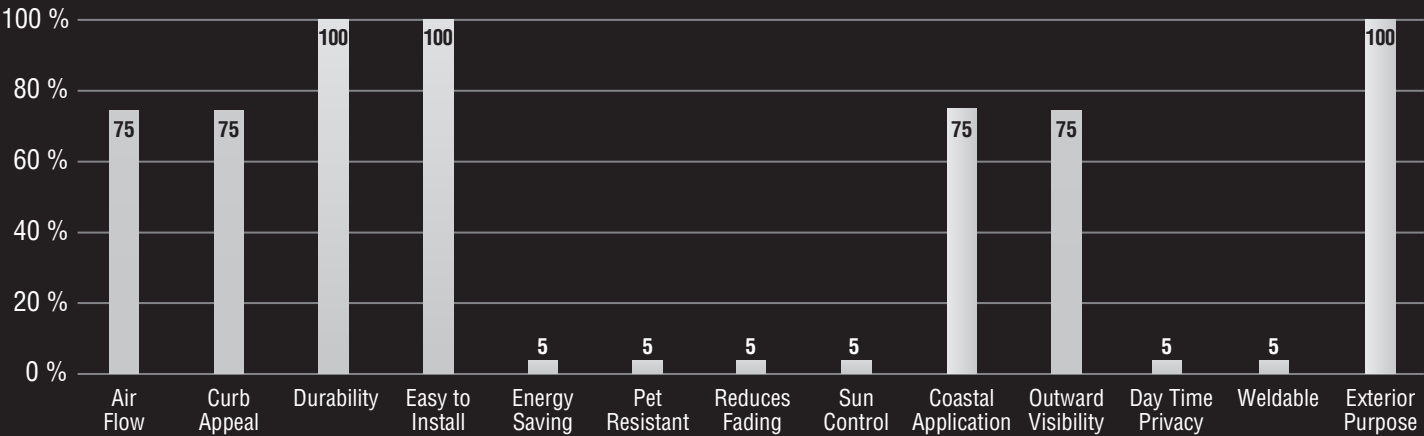


Silver Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	160	122
B) Grab Method (lb)	161	123
Tearing Strength		
Trapezoid Method (lb)	18	16
Stiffness (mg)	124	94
Yarn Slippage (lb)	33	29
Mesh Weight (oz / sq yd)	4.6	
Mesh Weight (GSM)	156.0	
Screen Thickness	0.016 inches (0.4064 mm)	
Bond Strength (lb)	36	
Openness / Transmittance (%)	55.7	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	195	

PERFORMANCE GRAPH



20x20 No-See-Um Screen®

BY PHIFER

Phifer's No-See-Um Screen provides superior protection against tiny biting insects, including no-see-ums and gnats. Its tightly woven mesh helps keep these pests outside while maintaining excellent airflow and outdoor visibility. Designed for long-lasting performance, it creates a more comfortable, enjoyable, and insect-free living environment for homes and outdoor spaces.

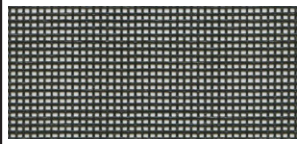
FEATURES

- Provides excellent protection from small insects
- Offers good ventilation and visibility

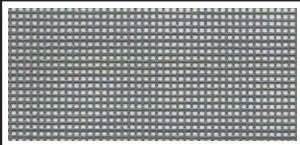
SPECIFICATION

Material : Fiberglass
Warps & Fills : 20 X 20 per sq. inch
Wire Diameter : 0.008 inches (0.2032 mm)
Available width : 3, 4 (ft)

AVAILABLE COLORS



Charcoal

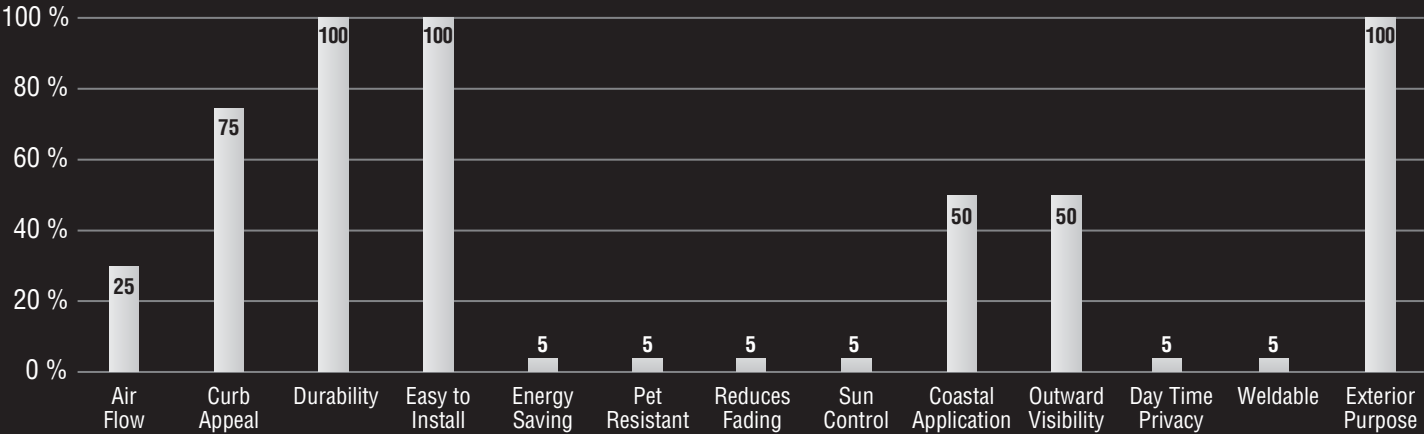


Silver Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	63	87
B) Grab Method (lb)	74	98
Tearing Strength		
Trapezoid Method (lb)	19	28
Stiffness (mg)	111	175
Yarn Slippage (lb)	0.0148	0.0136
Mesh Weight (oz / sq yd)	4.9	
Mesh Weight (GSM)	166.1	
Screen Thickness	0.019 inches (0.4826 mm)	
Bond Strength (lb)	8	
Openness / Transmittance (%)	45.3	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	161	

PERFORMANCE GRAPH



EliteScreen®

BY PHIFER

Elite® is Phifer's improved visibility insect screening engineered. EliteScreen®'s stiff finish makes it ideal for roller and retractable screen systems. With a specially engineered coating, specially developed for retractable screen systems, Elite® is thinner than standard insect screening, and its finer screen facilitates improved insect protection and airflow.

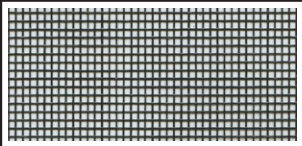
FEATURES

- Best used for roll-up screens and retractable windows or balconies
- Formulated for maximum welding efficiency, its reduced thickness also makes it an excellent choice for screens with longer drops
- Economical and offers year-round comfort, good health, and peace of mind

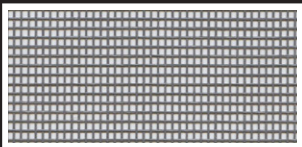
SPECIFICATION

Material : Fiberglass
Warps & Fills : 18 x 16 per sq. inch
Wire Diameter : 0.010 inches (0.254 mm)
Available width : 4, 5, 6, 8 (ft)

AVAILABLE COLORS



Black

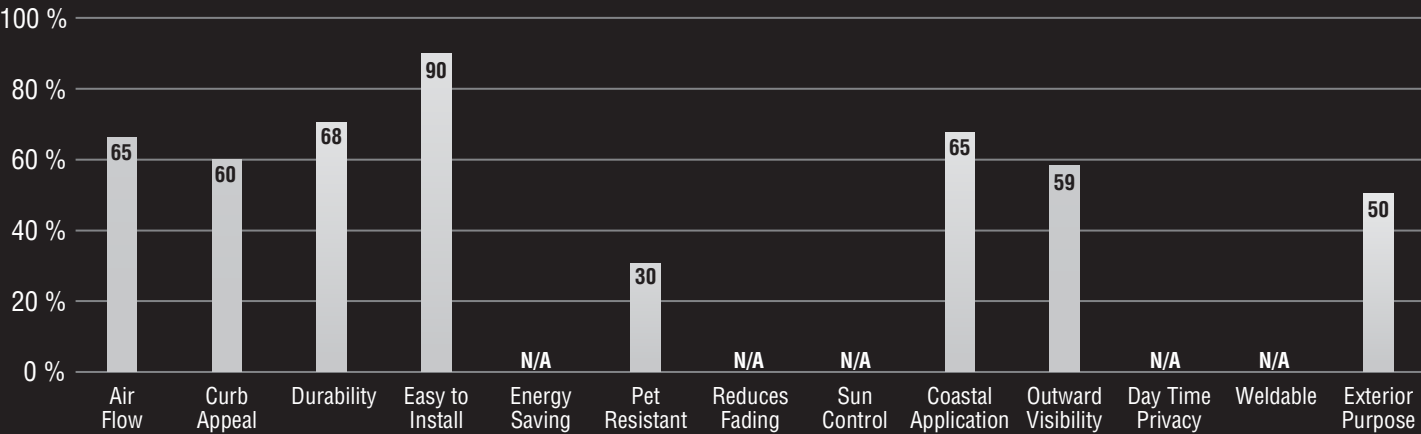


Silver Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	109	98
B) Grab Method (lb)	108	98
Tearing Strength		
Trapezoid Method (lb)	10	10
Stiffness (mg)	169	142
Mesh Weight (oz / sq yd)	3.1	
Mesh Weight (GSM)	105.1	
Screen Thickness	0.012 inches (0.3048 mm)	
Bond Strength (lb)	29	
Openness / Transmittance (%)	61.0	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	4 min.	
Mullen Bursting Strength(psi) - Initial	130	

PERFORMANCE GRAPH



Fiberglass STIFF 18x14 Screen®

BY PHIFER

Phifer Fiberglass Stiff Screen offers greater rigidity than standard fiberglass screens, ensuring smooth and reliable performance in roller and retractable screen systems. Made from durable fiberglass, it provides enhanced strength, excellent dimensional stability, clear outward visibility, and superior ventilation, making it a long-lasting solution for both residential and commercial applications.

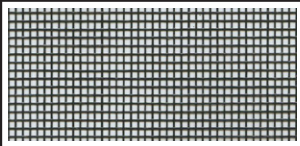
FEATURES

- Offers a higher stiffness than standard screen for improved performance in retractable screens
- Ideal for roller and retractable screens that require more strength and durability

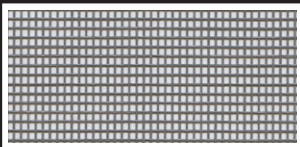
SPECIFICATION

Material : Fiberglass
Warps & Fills : 18 X 14 per sq. inch
Wire Diameter : 0.013 inches (0.3302 mm)
Available width : 4, 5, 6, 9 (ft)

AVAILABLE COLORS



Charcoal

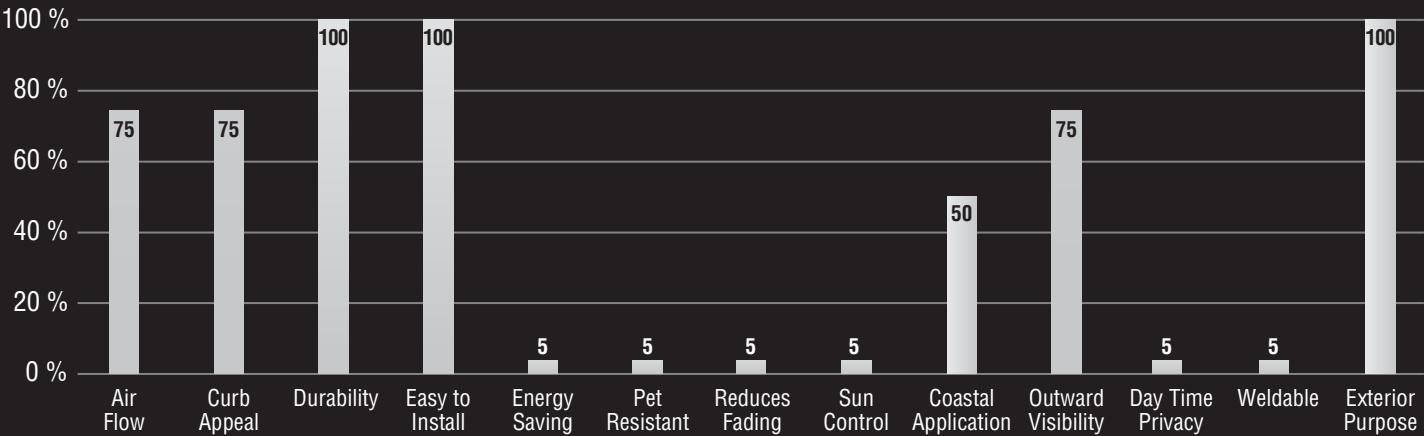


Silver Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	164	130
B) Grab Method (lb)	167	129
Tearing Strength		
Trapezoid Method (lb)	17	17
Stiffness (mg)	242	195
Mesh Weight (oz / sq yd)	4.4	
Mesh Weight (GSM)	149.2	
Screen Thickness	0.016 inches (0.4064 mm)	
Bond Strength (lb)	37	
Openness / Transmittance (%)	56.8	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	195	

PERFORMANCE GRAPH



Super Solar Screening+®

BY PHIFER

Phifer's Super Solar Screening+ reduces up to 90% of the sun's heat while maintaining excellent outward visibility. Its durable vinyl-coated fiberglass fabric helps protect carpets, furniture, and interiors from fading caused by harmful UV rays. The screen enhances indoor comfort, improves energy efficiency, and delivers long-lasting performance for residential and commercial spaces.

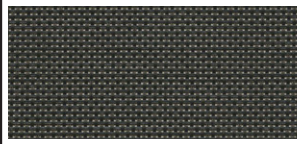
FEATURES

- Blocks up to 90% of solar heat and glare
- Offers the ultimate in shading protection
- UV protection

SPECIFICATION

Material : Fiberglass
Warps & Fills : 40 x 40 per sq. inch
Wire Diameter : 0.013 inches (0.3302 mm)
Available width : 3, 4, 5 (ft)

AVAILABLE COLORS

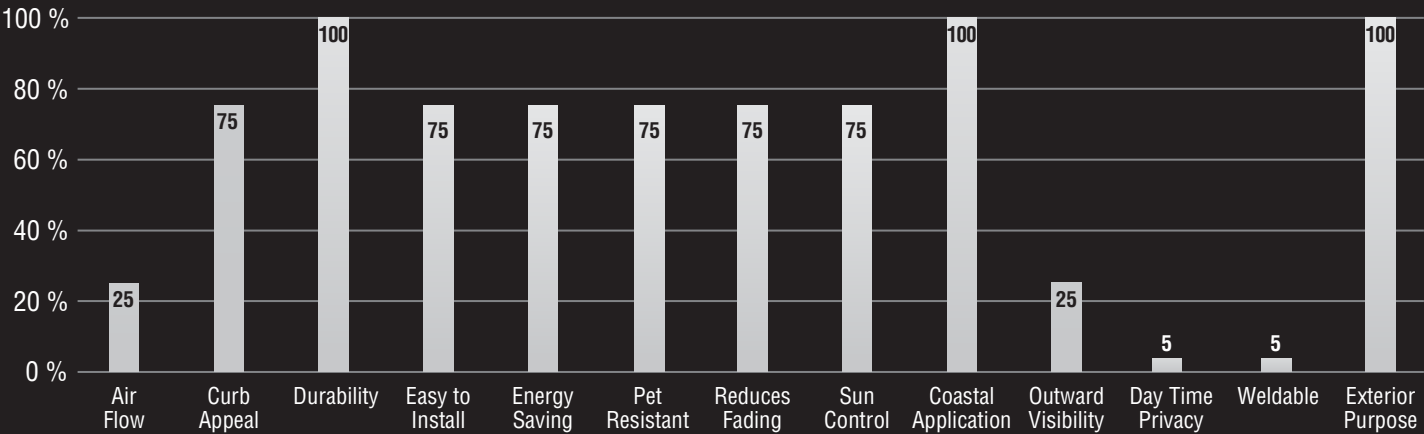


Charcoal

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	251	381
B) Grab Method (lb)	361	241
Tearing Strength		
Trapezoid Method (lb)	19	33
Stiffness (mg)	190	230
Mesh Weight (oz / sq yd)	10.4	
Mesh Weight (GSM)	352.6	
Screen Thickness	0.018 inches (0.4572 mm)	
Bond Strength (lb)	81	
Openness / Transmittance (%)	16.1	
Colorfastness to 1200hrs Color Change According to Aatcc Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	446	

PERFORMANCE GRAPH



Aluminum Insect Screen®

BY PHIFER

The aluminum Insect Screen offers the best outward visibility. Produced with Phifer's electrodeposition paint system, the aluminum screen has a premium coating that is durable and has excellent weathering characteristics.

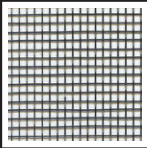
FEATURES

- Offers the best outward visibility
- Reduced glare due to dark color
- High durability
- Excellent weathering characteristics
- Excellent suitability for window, door and porch applications

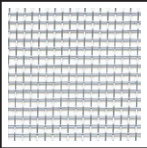
SPECIFICATION

Material : Aluminum (5154 Alloy)
Warps & Fills : 18 x 16 per sq. inch
Wire Diameter : 0.010 inches (0.254 mm)
Available width : 2, 3, 4, 5 (ft)

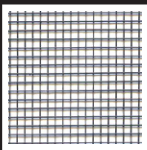
AVAILABLE COLORS



Black



Brite

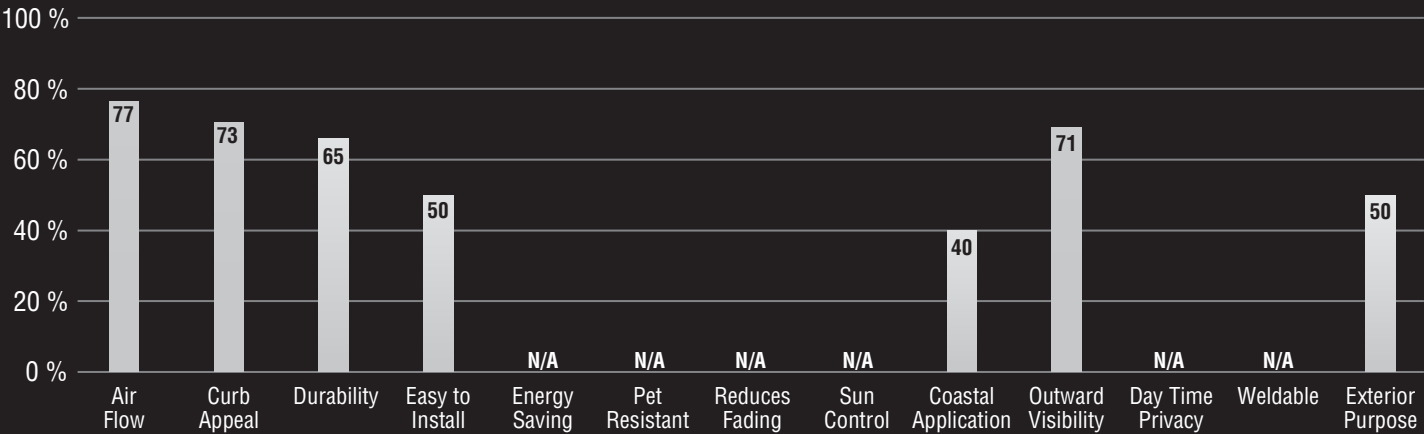


Charcoal

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Mesh (ends / inch)	18 +/-1	15.5 +/-1
Stiffness (mg)	2200 - 3600	2200 - 3600
Wire Diameter (inch)	0.009 - 0.010	
Tensile Strength	45ksi - 60ksi	
Elongation (%)	1% - 10%	
Mesh Weight (oz / sq yd)	4.7	
Mesh Weight (GSM)	159.4	
Screen Thickness	0.025 inches (0.635 mm)	
Openness (%)	68 – 73	

PERFORMANCE GRAPH



Aluminum Screen For Tiny Insect®

BY PHIFER

Phifer's Aluminum Screen for Tiny Insects provides reliable protection for windows, doors, and screened porches. Its durable aluminum mesh helps block tiny insects such as gnats, flies, and no-see-ums while maintaining excellent airflow and clear visibility. Built for lasting performance, it resists corrosion and delivers dependable insect protection for everyday living.

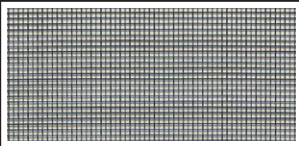
FEATURES

- Tightly-woven to protect against tiny insects like gnats, sandflies and no-see-ums
- Provides excellent visibility and airflow
- Durable, weather-resistant finish, produced with Phifer's electrodeposition paint system, reduces glare

SPECIFICATION

Material : Aluminum (5154 Alloy)
Warps & Fills : 24 x 22 per sq. inch
Wire Diameter : 0.008 inches (0.2032 mm)
Available width : 3, 4 (ft)

AVAILABLE COLORS

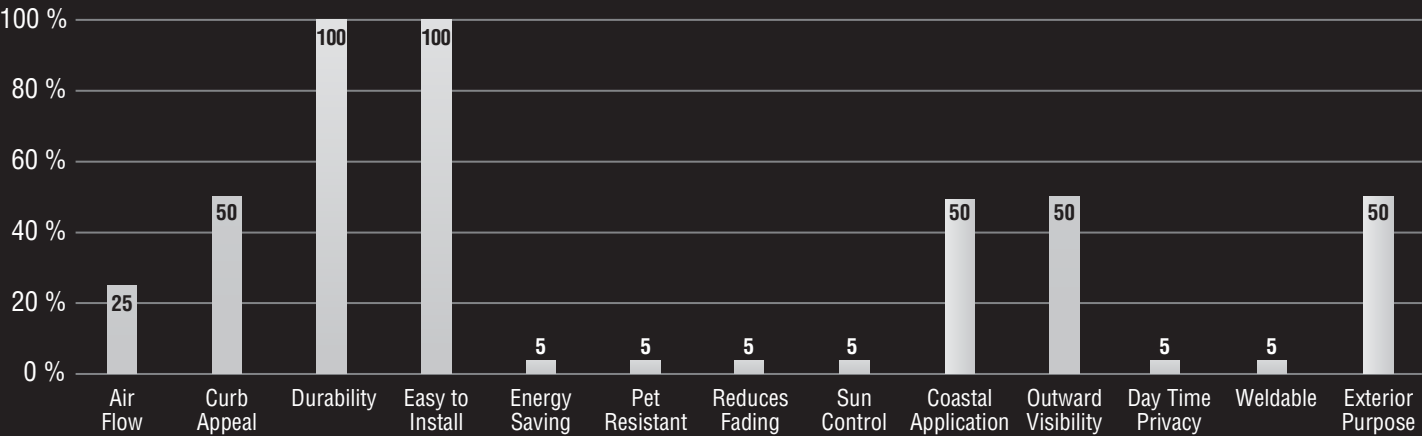


Black

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Mesh (ends / inch)	24 +/-1	22 +/-1
Stiffness (mg)	1700 - 2100	1800 - 2200
Wire Diameter (inch)	0.0085 - 0.0095	
Tensile Strength	36ksi min.	
Elongation (%)	1% min.	
Mesh Weight (oz / sq yd)	5	
Mesh Weight (GSM)	169.5	
Screen Thickness	0.019 inches (0.4826 mm)	
Openness (%)	64 - 65	

PERFORMANCE GRAPH



Galvanized Screen®

BY PHIFER

Phifer's Galvanized Screen delivers dependable performance for a wide range of residential, commercial, and industrial screening applications. Its corrosion-resistant galvanized steel mesh withstands harsh environments while providing long-lasting durability and structural strength. The screen offers reliable protection, making it an ideal choice wherever enhanced durability and resistance to rust are essential.

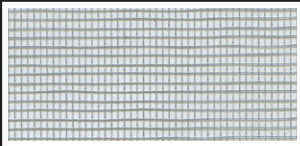
FEATURES

- High performance
- Galvanized with a protective coating to prevent rusting and enhance durability
- Ideal for a number of outdoor and industrial uses

SPECIFICATION

Material : Galvanized Steel
Warps & Fills : 18 x 14 per sq. inch
Wire Diameter : 0.008 inches (0.2032 mm)
Available width : 2, 3, 4 (ft)

AVAILABLE COLORS

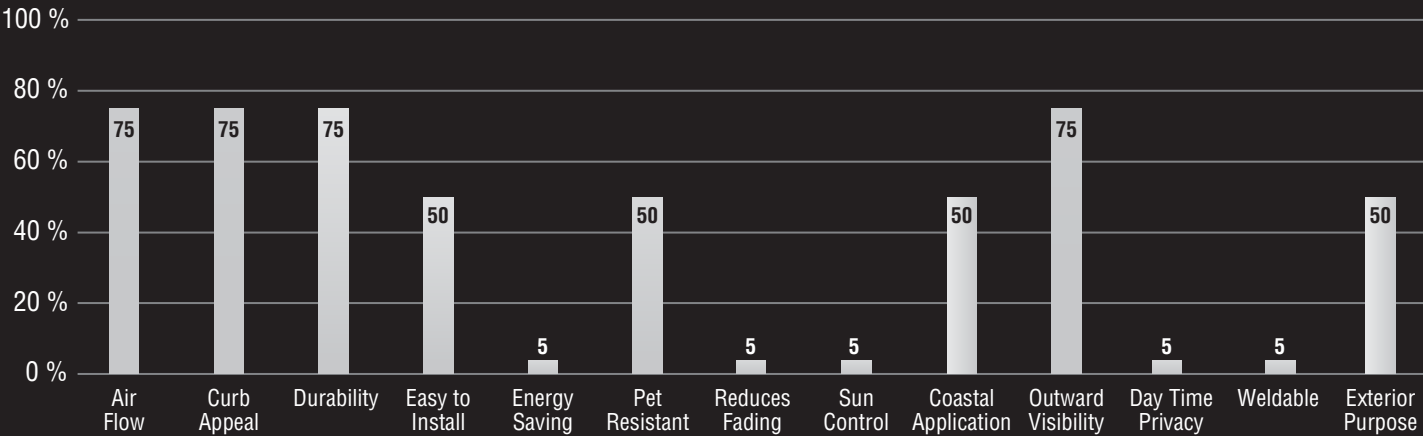


Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Mesh (ends / inch)	18 +/-1	14 +/-1
Wire Diameter (inch)	0.008 - 0.010	
Tensile Strength	<60 kpsi	
Mesh Weight (oz / sq yd)	8.4	
Mesh Weight (GSM)	284.8	
Screen Thickness	0.025 inches (0.635 mm)	
Openness (%)	80	

PERFORMANCE GRAPH



SeeVue®
BY PHIFER

SeeVue is woven from stainless steel, which not only improves visibility with its fine wire diameter but also makes this product much stronger than standard insect screens. It allows superior airflow and meets the high standard of insect protection.

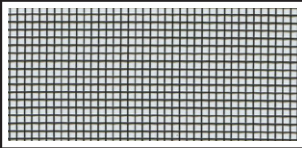
FEATURES

- Provides outstanding durability
- Protects from harmful insects and pests
- The black finish offers improved visibility, enhances life span and prevents corrosion
- Allows superior airflow
- Easy to clean
- Excellent suitability for porch applications and is safe for use with pressure-treated lumber

SPECIFICATION

Material : Stainless Steel
(304 Grade)
Warps & Fills : 18 x 18 per sq. inch
Wire Diameter : 0.007 inches (0.1778 mm)
Available width : 3, 4, 5 (ft)

AVAILABLE COLORS

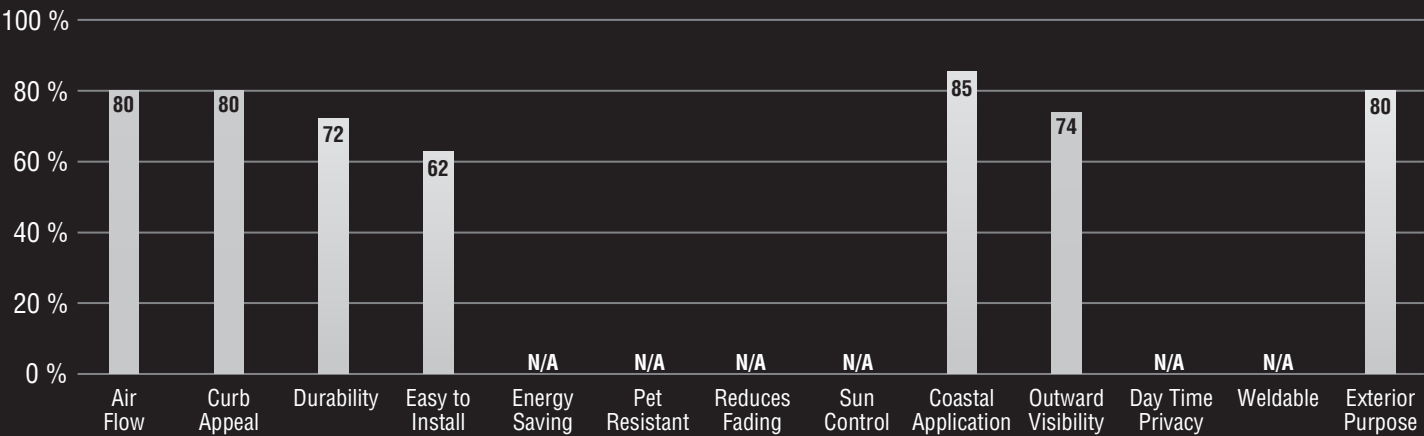


Black

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Mesh (ends / inch)	17.00 – 18.25	17.00 – 18.25
Stiffness (mg)	1000 - 2600	1000 - 2600
Coated Diameter (inch)	0.007 - 0.009	
Wire Tensile Strength	210ksi - 280ksi	
Elongation (%)	1% - 10%	
Mesh Weight (oz / sq yd)	7	
Mesh Weight (GSM)	237.3	
Screen Thickness	0.013 inches (0.3302 mm)	
Openness (%)	68 - 76	

PERFORMANCE GRAPH



Bronze Screen®

BY PHIFER

Bronze Screen is not only an effective way to control insects but can also revive the elegant charm and nostalgia of past years. In its original brand-new state, Phifer Bronze Screen is a bright Copper colour, but weathers to a beautiful dark bronze finish over time.

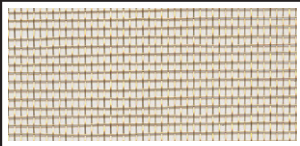
FEATURES

- Brings back the nostalgic look of vintage homes
- Ideal solutions for high-end applications and architectural accents
- A unique alternative to aluminum and fiberglass screening
- Provides high strength and durability
- Excellent suitability for windows, doors and porches
- Predominantly used in antique houses and coastal regions
- The dark glittering effect is an added advantage to weathering in the long term

SPECIFICATION

Material : Bronze (220 Alloy)
Warps & Fills : 18 x 15 per sq. inch
Wire Diameter : 0.012 inches (0.3048 mm)
Available width : 3, 4, 5 (ft)

AVAILABLE COLORS

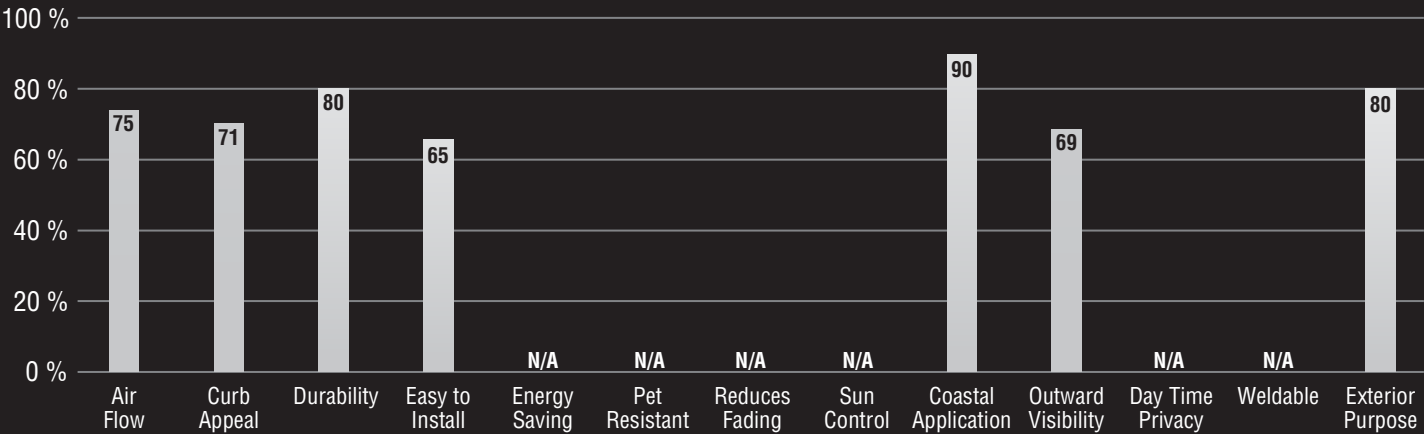


Bronze

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Mesh (ends / inch)	17.75 - 18.25	13 -15
Stiffness (mg)	5600 - 6600	4800 - 5800
Coated Diameter (inch)	0.010 - 0.012	
Wire Tensile Strength	78ksi min.	
Elongation (%)	1% min.	
Mesh Weight (oz / sq yd)	20.4	
Mesh Weight (GSM)	691.7	
Screen Thickness	0.03 inches (0.762 mm)	
Openness (%)	68.50 - 71.00	

PERFORMANCE GRAPH



PetScreen®

BY PHIFER

Primarily designed for domestic pets, the Phifer PetScreen is tear and puncture-resistant against damages inflicted by dogs and cats. The PetScreen is seven times stronger than standard screens. The polyvinyl coating gives added extra strength to the screen.

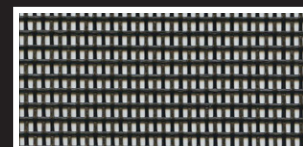
FEATURES

- Resists damage subjected by dogs and cats
- Easy installation
- Heavy duty and ultra-durable screen
- Excellent suitability for doors and porches

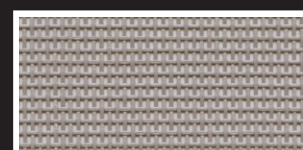
SPECIFICATION

Material : Polyester
 Warps & Fills : 17 x 10 per sq. inch
 Wire Diameter : 0.025 inches (0.635 mm)
 Available width : 3, 4, 5, 8 (ft)

AVAILABLE COLORS



Black

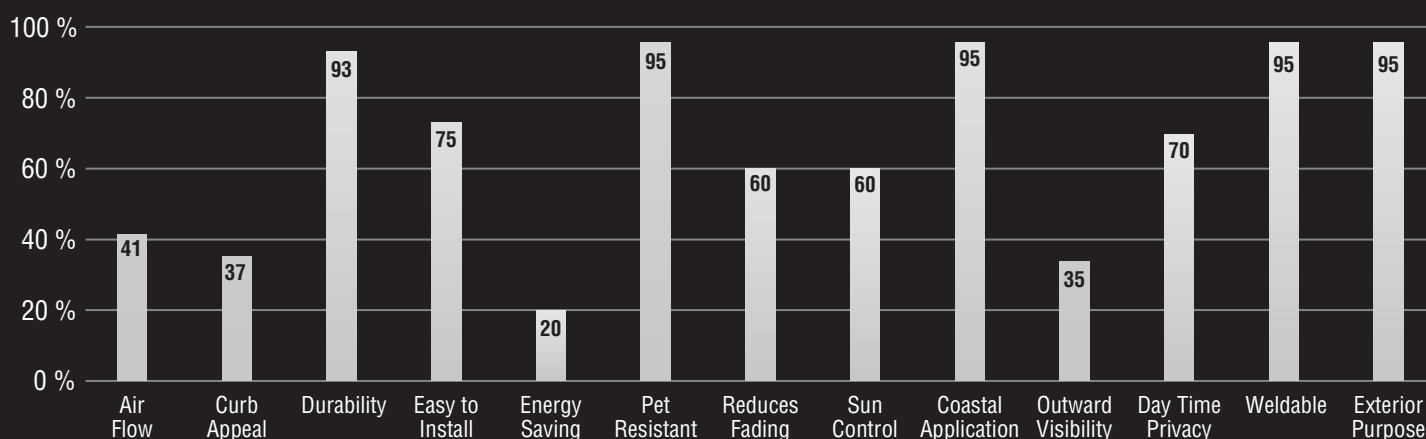


Grey

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strengt		
A) Cut Strip Method (lb)	262	149
B) Grab Method (lb)	332	197
Tearing Strength		
Trapezoid Method (lb)	81	49
Yarn Slippage (lb)	40	25
Stiffness (mg)	661	286
Stretch (%)	1.1	3
Set (%)	0.2	0.5
Mesh Weight (oz / sq yd)	11	
Mesh Weight (GSM)	373.0	
Screen Thickness	0.034 inches (0.8636 mm)	
Bond Strength (lb)	42	
Openness / Transmittance (%)	37.2	
Blocking	Scale 1	
Colorfastness to 1200hrs	All Colors 4 min.	
Color Change According to AATCC Gray Scale		
Mullen Bursting Strength(psi) - Initial	446	

PERFORMANCE GRAPH



TuffScreen®

BY PHIFER

Three times stronger than regular screen screens, Phifer's TuffScreen is a high-quality vinyl-coated polyester screen. TuffScreen is an excellent choice for a retractable window, where its exceptional durability has the capability to easily withstand the rough and tough use multiple times over a long period of time.

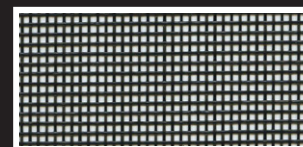
FEATURES

- Heavy-duty, vinyl-coated polyester insect screen
- Ideal for use in high-traffic areas
- Durable - resists damage from punctures
- An excellent choice for patios, porch enclosures, retractable systems, windows and doors

SPECIFICATION

Material : Polyester
 Warps & Fills : 17 x 13 per sq. inch
 Wire Diameter : 0.018 inches (0.4572 mm)
 Available width : 3, 4, 5, 8, 10, 11 (ft)

AVAILABLE COLORS

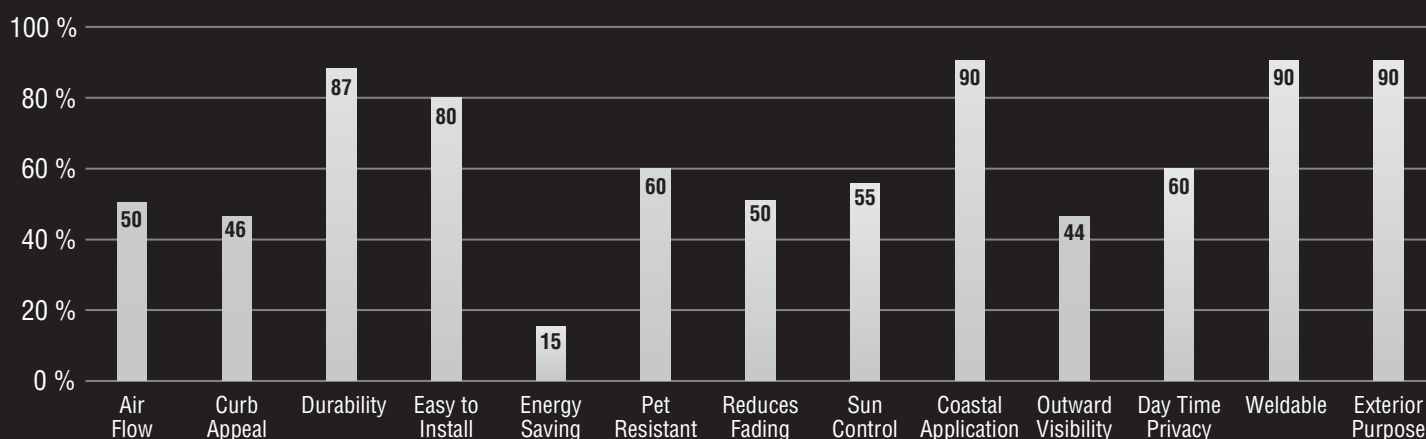


Black

TECHNICAL DATA SHEET

CHARACTERISTIC	WARP	FILL
Tensile Strength		
A) Cut Strip Method (lb)	136	111
B) Grab Method (lb)	169	140
Tearing Strength		
Trapezoid Method (lb)	31	25
Stiffness (mg)	244	163
Stretch (%)	1.8	2.6
Set (%)	0.2	0.3
Mesh Weight (oz / sq yd)	6.8	
Mesh Weight (GSM)	230.6	
Screen Thickness	0.024 inches (0.6096 mm)	
Bond Strength (lb)	43	
Openness / Transmittance (%)	46.1	
Blocking	Scale 1	
Colorfastness to 1200hrs Color Change According to AATCC Gray Scale	All Colors 4 min.	
Mullen Bursting Strength(psi) - Initial	294	

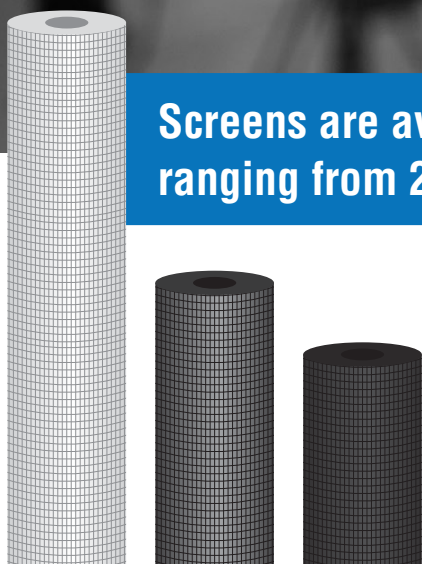
PERFORMANCE GRAPH



The Preferred Choice for Door & Window Manufacturers



Screens are available in roll sizes
ranging from 2 feet to 11 feet



Offers seamless coverage for
doors and windows

WHY PHIFER SCREENS?

- No joints, No compromises.
- Premium mosquito protection with superior airflow, elegant visibility, high durability, heat control, antique aesthetics, pet-friendly performance, tear resistance, and seamless protection without compromising comfort or style.
- No minimum order quantity, you can order exactly what your project requires.

*Terms and conditions apply. The roll width may differ from screen to screen. Please verify before purchase.

BENEFITS



High-Quality Raw Materials

Made from certified, high-grade fiberglass, polyester, and stainless steel, ensuring long-term durability and consistent performance.



International Standards & Certifications

Compliant with global standards like Green Guard (low VOC), Microban (antimicrobial protection), and flame-retardant certifications



Superior Insect Protection

Precision-engineered mesh density offers effective mosquito protection while maintaining ventilation and visibility.



UV Protection

Selected variants provide UV resistance, reducing indoor heat and protecting interiors from sun damage.



Customization Options

Available in various mesh types, sizes, and colors to suit UPVC, aluminum, wood, steel, and other custom frame systems - ideal for residential, commercial, and institutional use.



Aesthetic Appeal

Sleek, clean finish that blends seamlessly with modern interiors, enhancing the overall decor of the space.



Easy Maintenance & Long Lifespan

Corrosion-resistant and easy to clean, designed for long-term use with minimal maintenance.



Eco-Friendly & Non-Toxic

Safe for children and pets; free from harmful chemicals.



Made in USA - Consistent Quality

All raw materials are imported from Phifer USA, assuring international quality and reliability.



Excellent & Reliable After-Sales Support

Backed by a strong service team, ensuring smooth installation, customer satisfaction, and long-term trust.

COMPARISON CHART

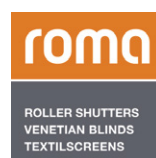
CATEGORY	PHIFER	OTHERS
Country of Manufacture	USA	Unknown
Global Recognition & ISO Certification (120+ Countries)	✓	✗
Water Shed Technology	✓	✗
Microban Protection – Anti-Fungal & Anti-Bacterial	✓	✗
Green Guard Certified – Zero Emission of Harmful Chemicals	✓	✗
Lead-Free	✓	✗
Melanoma International Foundation Approved (UV Protection)	✓	✗
Exterior-Grade	✓	✗
Available in Various Roll Heights: 2ft to 11ft*	✓	Mostly available in upto 6ft
Available in Fiberglass, Metal & Polyester	✓	✗
Speciality Metal Screen	✓	✗
Pet-Resistant & Tuff Screen	✓	✗
Sun Control Properties (Heat Reduction)	✓	✗
Minimizes Dust Accumulation	✓	✗
Low Maintenance	✓	✗
Compatibility & Easy Fabrication	✓	✗
Certified Test Reports	✓	✗
Highly Durable & Exceptional Longevity	✓	✗
Member of AERC (Attachments Energy Rating Council)	✓	✗
Member of UWDMA (India)	✓	✗
Member of WDMA (USA)	✓	✗
Affiliated with Screen Manufacturers Association since 1955 (USA)	✓	✗
Member of US Green Building Council	✓	✗
Reliable & Efficient After-Sales Support	✓	✗

*Terms and conditions apply. The roll width may differ from screen to screen.
Please verify before purchase.

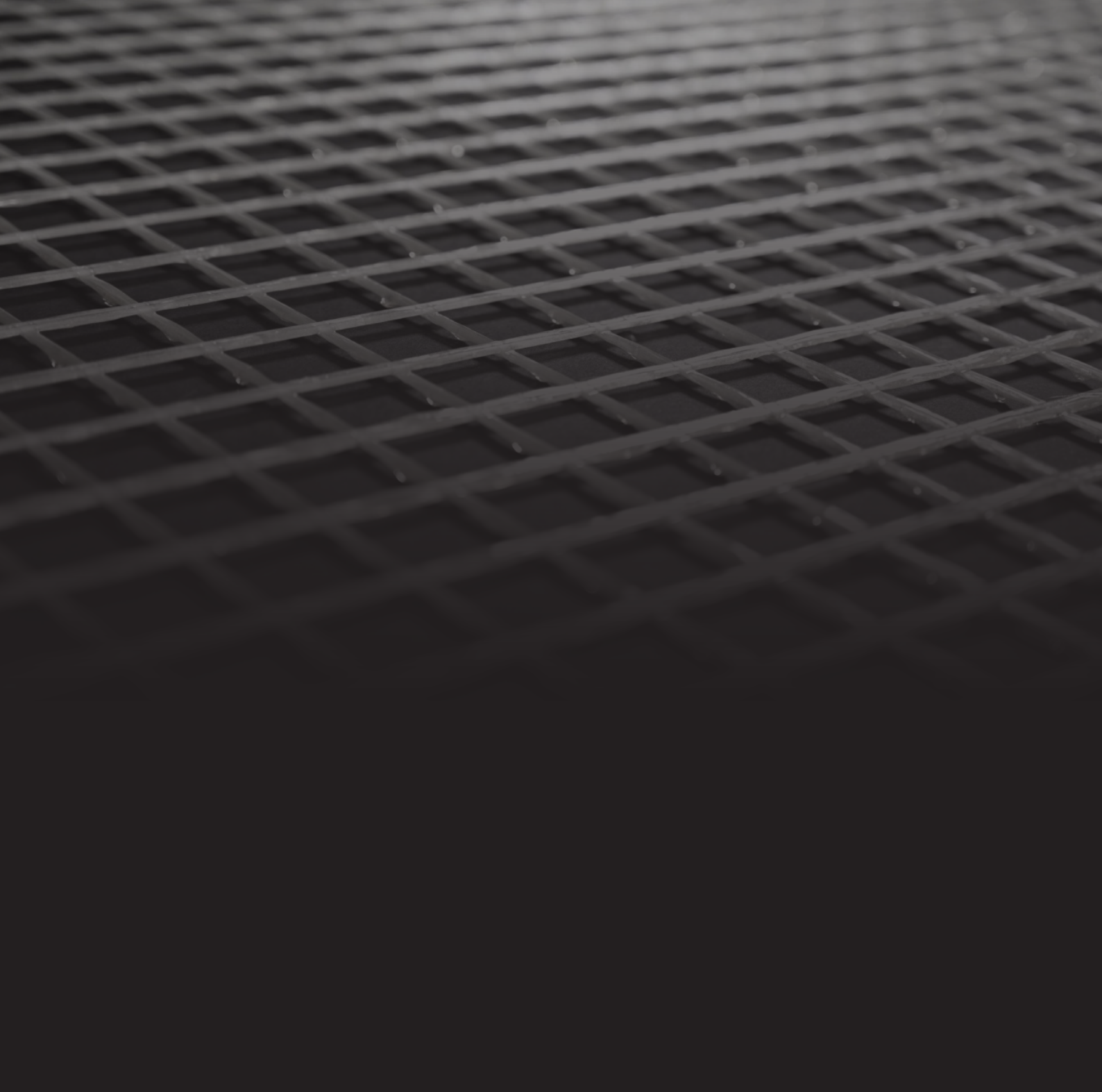
PHIFER®

The Choice of Leading
Door & Window Manufacturers.
Trusted for Quality & Performance.

Our Esteemed Global Clientele



& More



PHIFER[®]

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